

# RG11

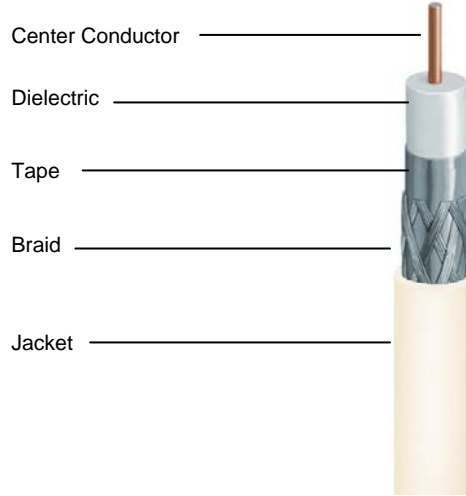
## 75 Ohm Coaxial Cable

### Catalog #2293K

#### Plenum: CMP(ETL)C(ETL)

**CABLE CONSTRUCTION:**

- CENTER CONDUCTOR:**  
14 AWG Solid Copper  
Nom. Dia: 0.0641"
- DIELECTRIC:**  
Foam FEP  
Dia. over Dielectric: 0.280" Nom.
- SHIELD:**  
Tape: Aluminum/Poly  
Braid: 34 AWG Tinned Copper  
95% Coverage  
Nom. Dia. 0.317"
- JACKET:**  
Kynar Flex  
Dia. over Jacket: 0.351" +/- 0.008"  
Nominal Jacket Thickness: 0.018"  
Minimum Spot: 0.016"



**ELECTRICAL PROPERTIES:**

- SPARKER TEST:** 5000 VAC
- DIELECTRIC STRENGTH:** Conductor to Shield: 4000 VDC
- CAPACITANCE:** 16.0 pF./FT. Nom.
- IMPEDANCE:** 75.0 +/- 3.0 Ohms
- VELOCITY OF PROPAGATION:** 84.0% Nom.
- DCR: Conductor:** 2.9 Ohms/1000 Ft. Nom.
- Shield:** 1.7 Ohms/1000 Ft. Nom.
- SRL:** 23dB (10 thru 1500 MHz) 100% Swept Tested  
15dB (1500 thru 3000 MHz) 100% Swept Tested

**MECHANICAL PROPERTIES:**

- MINIMUM BEND RADIUS:**  
Loaded: 20 Times Cable OD  
Unloaded: 10 Times Cable OD
- CABLE TEMP. RATING:**  
Temp: 125°C

**ATTENUATION:**

dB/100 FT. (NOM.)	@ FREQUENCY MHz
0.09 dB	1 MHz
0.45 dB	10 MHz
0.90 dB	50 MHz
1.28 dB	100 MHz
1.85 dB	200 MHz
2.75 dB	400 MHz
3.92 dB	700 MHz
4.72 dB	900 MHz
5.04 dB	1000 MHz
6.42 dB	1450 MHz
7.22 dB	1800 MHz
7.79 dB	2200 MHz
8.30 dB	2500 MHz
9.22 dB	3000 MHz